



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

CHEMICAL ANALYSIS REPORT

Unregulated Volatile Organic Chemicals

Water System

Name and Address

Sample Type Key

D - Distribution

B - Entry Point

E - Composite

S - Special

County:

PWSID

Entry Point

Sample Date

Sample Type

Sample Time

1						7

8

36					41

42

43			46

Collected by:

Sampling Point

33		35

Laboratory Name:

Lab ID

47				51

Analyte ID 9 - 12	Name	Method 13 - 20	Sign 21	Results 22 - 25	Decimal 26	Analysis Date 27 - 32	MCL (mg/L)	Analyst
2210	Chloromethane						none	
2214	Bromomethane						none	
2216	Chloroethane						none	
2408	Dibromomethane						none	
2410	1,1 Dichloropropene						none	
2412	1,3 Dichloropropane						none	
2413	1,3 Dichloropropene						none	
2414	1,2,3-Trichloropropane						none	
2416	2,2 Dichloropropane						none	
2941	Chloroform						none	
2942	Bromoform						none	
2943	Bromodichloromethane						none	
2944	Chlorodibromomethane						none	
2965	O-Chlorotoluene						none	
2966	P-Chlorotoluene						none	
2967	M-Dichlorobenzene						none	
2978	1,1-Dichloroethane						none	

<u>Analyte ID</u> 9 - 12	<u>Name</u>	<u>Method</u> 13 - 20	<u>Sign</u> 21	<u>Results</u> 22 - 25	<u>Decimal</u> 26	<u>Analysis Date</u> 27 - 32	<u>MCL</u> (mg/L)	<u>Analyst</u>
2986	1,1,1,2-Tetrachloroethane		<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	none	
2988	1,1,2,2-Tetrachloroethane		<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	none	
2993	Bromobenzene		<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	none	

Laboratories analyzing for the presence of VOCs must achieve a minimum detection limit (MDL) of 0.0005 mg/L for all volatile contaminants. If a contaminant listed is detected at a concentration exceeding 0.0005 mg/L, the system must monitor quarterly at each sampling point which resulted in a detection.

Analytical reports showing a concentration less than a value which is greater than the MDL (0.0005 mg/L) are not acceptable for demonstrating compliance with the Safe Drinking Water Regulations. For example, if a report shows tetrachloroethylene at a concentration of < 0.0007 mg/L, the sample results will not be considered valid.

Compositing of samples is encouraged provided the MDL is less than one-fifth of the MCL.

Report analytical results in milligrams/liter.

Return form to: Tennessee Division of Water Supply, 6th Floor, L & C Tower, 401 Church Street, Nashville, TN 37243-1549